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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/510,891	10/08/2004	Mika P. Mustonen	879A.0031.U1(US)	8568

29683 7590 01/10/2007  
HARRINGTON & SMITH, LLP  
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SHELTON, CT 06484-6212

EXAMINER
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ONI, OLUBUSOLA

ART UNIT	PAPER NUMBER
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2168

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/10/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/510,891

Applicant(s)

MUSTONEN ET AL.

Examiner

OLUBUSOLA ONI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-6,8-14 and 16-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-6,8-14 and 16-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

#### **Response to Argument**

1. The amendment filed October 16, 2006 has been entered. Claims 1,6, 8, 10-12, 14 have been amended. Claims 2, 7 and 15 are cancelled. Claims 17-19 are new.

#### **Title**

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

#### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the

international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 3-6, 8-14 and 16-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Boroumand et al. (Pub No: U.S 2002/0156870) hereinafter "Boroumand"

For claim 1, Boroumand teaches "a method for making it easier to process user specific information at an information processing device, which method uses a network browser installed on said information processing device for searching, processing and presenting information, the network browser comprising at least an address field and virtual function keys associated with it, wherein the address field and virtual function keys are modified so as to be in accordance with the service used at that time" (See paragraph [0007], [0014], [0022], wherein the modification of the address field and virtual keys is based on data input in the network address field (See paragraph [0072-0074], fig. 6)

For claim 3, Boroumand teaches "wherein the information processing device is connected via a communications network to a service provider's server to control the modification of the address field and virtual keys so as to be in accordance with the service used" (See paragraph [0082])

For claim 4, Boroumand teaches "wherein the network browser at the information

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processing device is used to open a service provider's www page to control the modification of the address field and virtual keys so as to be in accordance with the service used" (See paragraph [0035])

For claim 5, Boroumand teaches "wherein data input fields on the www page are filled out by entering information in the service specific address field created for the network browser at the information processing device"(See paragraph [0014])

For claim 6, Boroumand teaches "an address field with associated virtual function keys belonging to a network browser installed at an information processing device, wherein the address field with the virtual function keys is arranged so as to be modified according to the service used at a given moment" (See paragraph [0013], wherein the modification of the address field and virtual keys is based on data input in the network address field (See paragraph [0072-0074], fig. 6))

For claim 8, Boroumand teaches "wherein said service used is one of the following: telephone service, calculator, payment, information search, game, machine translation, message sending, or processing of map information"(See paragraph [0028-0030] fig. 1)

For claim 9, Boroumand teaches "wherein the virtual keys of the network browser are modified so as to make the use of the service easier"(See paragraph [0035])

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For claim 10, Boroumand teaches "computer code for realizing a network browser according to claim 6 at an information processing device" (See paragraph [0031])

For claim 11, Boroumand teaches "computer code according to claim 10 for realizing a network browser, stored on a data storage medium"(See paragraph [0031], [0039-0040])

For claim 12, Boroumand teaches "a www page at a server connected to a communications network, the www page comprising software means for modifying a network browser address field and associated virtual function keys, which network browser is intended for using the www page, so that they are in accordance with the service provided on the www page"(See paragraph [0039-0043], wherein the modification of the address field and virtual keys is based on data input in the network address field (See paragraph [0072-0074], fig. 6))

For claim 13, Boroumand teaches "wherein the address field and the virtual function keys associated with the www page are arranged to be modified so as to be in accordance with the service on the basis of information entered in the address field of the www page displayed on the network browser at the terminal"(See paragraph [0051])

For claim 14, Boroumand teaches "a communications network terminal, comprising means for receiving data, means for transmitting data, control unit for the terminal,

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memory, and a user interface for the terminal, the control unit for the terminal comprising software means for modifying the user interface for the terminal so as to be in accordance with the service used; wherein an address field and virtual keys of a network browser belonging to the user interface are arranged so as to be modified in accordance with the service on the basis of information entered in the address field of the network browser" (See paragraph [0022 [0050], [100], [101], [0106], wherein the modification of the address field and virtual keys is based on data input in the network address field (See paragraph [0072-0074], fig. 6))

For claim 16, Boroumand's teaches "include a terminal of a cellular network" (See paragraph [0029-0030], [0038], [0106])

For claim 17, Boroumand's teaches "a display [0105], processor [0101], a browser software application that is executed by the processor in which a browser is displayed on the display, the display browser having an address input field [0031-0032] and input keys, wherein the functionality of at least one of the input keys is determined upon entry of an address in the address input field of the displayed browser [0104] wherein the entered address corresponds to a service accessed through the functionality of the at least one of the input keys, where the service is one of a plurality of services offered through the browser of the mobile wireless terminal" [0028-0030],[0066-0074], fig. 6)

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For claim 18, Boroumand's teachings "wherein the entry of the address occurs through a user typing in the address in the address input field of the displayed browser"(See paragraph [0028-0030], fig. 6)

For claim 19, Boroumand's teaches "wherein the plurality of services comprises telephone services, calculator, payment, information search, game, machine translation, message sending, and processing of map information"(See paragraph [0028-0030], fig. 1).

### **Response to Argument**

5. Applicant's argument filed October 16, 2006 has been fully considered but they are not persuasive. The examiner respectfully traverses applicant's arguments.

Applicant argued that Boroumand does not teach that an input to the address field of a network browser changes the outlook and function of the address field and/or soft keys.

On the contrary at paragraph 0072-0074 and fig. 6 Boroumand's teachings includes receiving a request from a user's web browser, the server responds to the user's web browser by directing it to that web address. However, a determination is made to check if a hotkey has been previously defined. Wherein initiating a hotkey if not previously defined, based on user's input.



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The title of the invention is also objected to because the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

**CONCLUSION**

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUBUSOLA ONI whose telephone number is 571-272-2738. The examiner can normally be reached on 10.00-6.30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Examiner  
Art Unit 2168



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